

## Current Employment Statistics

### Nonfarm Employment and Earnings Estimates

### 1998 Preliminary and 1997 Final

based on "covered" employment data  
through March 1998

and

### Local Area Unemployment Statistics

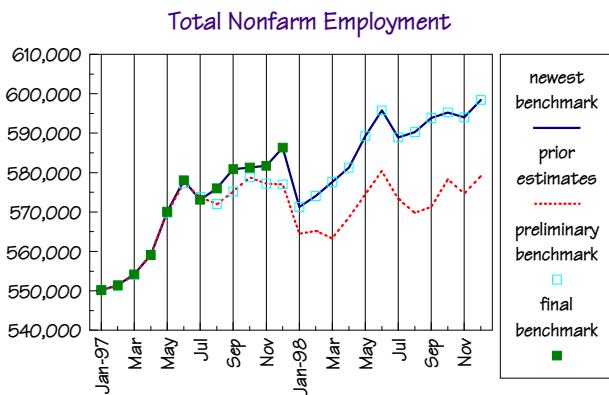
### 1998 Benchmark

a supplement to

## Economic Conditions in New Hampshire

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## Nonfarm Benchmark Revised Employment Numbers

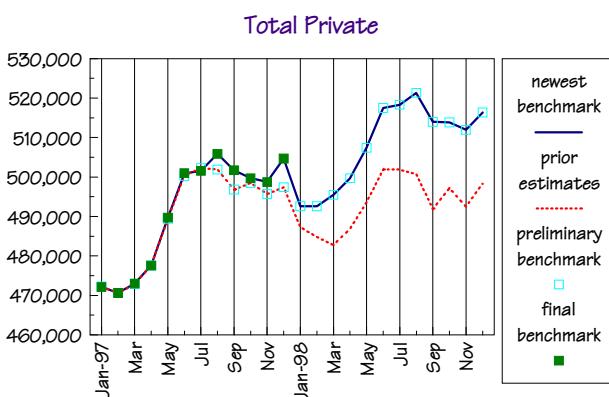


The Current Employment Statistics (CES) program estimates nonfarm employment based on a survey of employers. These estimates are benchmarked with employment numbers from the Tax and Wage Quarterly. This report details "covered" wages and employment by New Hampshire employers. The following is the final benchmark for 1997 nonfarm employment and the preliminary benchmark for 1998 employment.

### Final 1997

The preliminary 1997 CES benchmark, prepared in early 1998, updated and revised estimates made monthly during 1997. This preliminary benchmark was based on the latest available data. When all 1997 covered employment data was available and validated, the 1997 benchmark was finalized.

The 1997 preliminary benchmark had estimated that employment increased by 14,400 jobs to 568,000. Subsequent data revised the final 1997 benchmark employment upward to 570,200, an increase of 16,600 jobs for the year.



The variance between the 1997 preliminary and final benchmarks never exceeded 800 jobs between January and July. From August through December, however, preliminary benchmarks were revised upward. The revisions ranged from 2,500 jobs in October to 9,300 jobs in December.

Benchmarking of 1997 employment data found larger than estimated increases in services; manufacturing; wholesale trade; finance, insurance, and real estate; and government. Construction and retail trade grew less than previously forecast. Although the increase in transportation, communications, and public utilities was less than originally estimated, the division reached a level of employment never seen before.

### Preliminary 1998

Once 1997 estimates were finalized, preliminary benchmarking of 1998 employment levels began. Preliminary benchmarking of 1998 data revealed 15,600 more jobs than in the prior estimates, resulting in an over-the-year increase of 17,300 jobs. Every month in 1998 except January incurred variances between the preliminary benchmark and prior estimates of at least 12,800 jobs. January varied by 8,800 jobs. September's revision was particularly acute, as the preliminary benchmark increased the prior estimate by 22,600 jobs.

The difference between the 1998 preliminary and 1997 final benchmarks showed that the largest over-the-year employment gain (7,800) was in the services division, and the smallest gain (400) was in the government sector. Manufacturing gained 1,100 jobs. Construction had the largest percentage increase, up 9.6 percent.

### Benchmarked sectors

#### Construction

The 1997 final benchmark revised construction employment to an increase of 3.5 percent instead of the previously estimated 4.0 percent. The 1997 gain of 700 jobs was less than the 1996 gain of 800.

According to the preliminary benchmark, construction employment gained another 2,000 jobs in 1998, 1,000 higher than originally estimated. Monthly 1998 employment ranged from a low of 19,500 jobs in February to 24,900 in August compared to 17,800 and 22,600 for the same months in 1997.

### Manufacturing

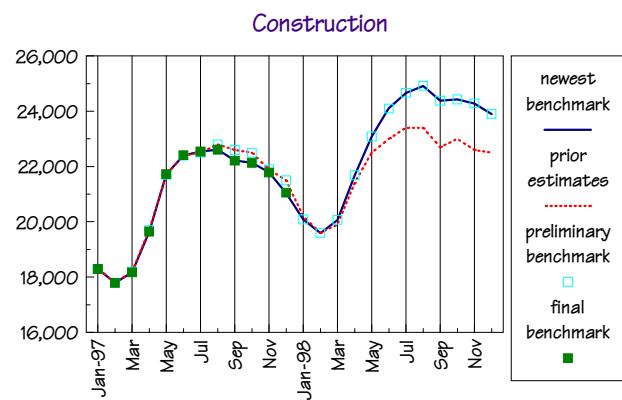
The final benchmark determined that manufacturing employment for 1997 was 107,200, above the preliminary benchmark by 300 jobs. This represented an over-the-year gain of 2,800 jobs. The final benchmark for durable goods manufacturing revised the preliminary benchmark upward by 100 to show an increase of 2,300 jobs. Electronic equipment manufacturing added 1,100 jobs, 100 more than the preliminary benchmark and almost half of the durable goods total increase.

The 1998 preliminary benchmark revised prior estimates upward by 1,700 jobs, resulting in a gain of 1,100 jobs. The increase was attributable entirely to durable goods. Its electronic and other electrical equipment and components major group accounted for 400 of the employment increase, 300 more than originally estimated. This is one of several major groups that include rapidly emerging high technology companies. On the other hand, the 1998 preliminary benchmark of nondurable goods showed a loss of 600 jobs after gaining 500 in 1997. Nevertheless, this was an improvement over the loss of 1,600 nondurable goods manufacturing jobs suggested by preliminary estimates.

### Transportation, Communication, and Public Utilities

After four years of increasing employment this division lost jobs in 1996. In 1997 this division resumed its upward trend and gained 100 jobs. Its 1997 final benchmark of employment at 19,400 matched the preliminary estimate.

Preliminary 1998 benchmarked data exceeded original monthly estimates by 1,100 jobs, resulting in an increase of 1,000 employees, the largest over-the-year gain in this division since 1987. The 1998 preliminary benchmark reached 20,400 jobs and marked the first time that transportation, communication, and utilities' employment exceeded 20,000.



### Wholesale Trade

Final benchmarking of 1997 employment data added another 600 jobs to the preliminary estimate. This raised annual average employment to 29,200 jobs, 2,500 jobs higher than in 1996.

The 1998 preliminary benchmark exceeded original estimates by 1,600 jobs. As a result, wholesale trade increased by 1,100 jobs to 30,300, a level never seen before. Remarkably, this division has grown more than forty percent since 1992.

### Retail Trade

Both the final and preliminary benchmarks showed 3,200 jobs added in 1997. General merchandise stores' final benchmark revised the preliminary estimates upward by 300 to show an increase of 400 jobs.

The preliminary benchmark for 1998 indicates retail trade growing by 2,500 jobs, 700 more than originally estimated. As a result, this division ballooned to 122,000, an all time high. This marked the fourth consecutive year of record

*Continued on page 17*



## New Hampshire Nonfarm Wage and Salary Employment 1998 Preliminary Benchmark

SIC Code	Industry	Annual Average
	Total Nonfarm	587,500
	Total Private	508,300
	Goods Producing	131,700
10-14	Mining	400
15-17	Construction	22,900
15	General Building Contractors	6,000
16	Heavy Construction	2,900
17	Special Trade	14,100
20-39	Manufacturing	108,300
	Durable Goods*	75,600
24	Lumber And Wood Products	4,900
25	Furniture And Fixtures	1,200
32	Stone, Clay, And Glass Products	2,000
33	Primary Metal Industries	5,700
34	Fabricated Metal Products	8,100
35	Industrial Machinery And Equipment	18,200
36	Electronic & Other Electric Equipment	19,900
38	Instruments And Related Products	11,500
39	Miscellaneous Manufacturing Industries	2,300
	Nondurable Goods	32,700
20	Food And Kindred Products	2,600
22	Textile Mill Products	3,600
23	Apparel And Other Textile Products	1,900
26	Paper And Allied Products	4,200
27	Printing And Publishing	7,700
30	Rubber And Misc. Plastics Products	9,400
31	Leather And Leather Products	1,900
	Service Producing	455,800
	Private Service Producing	376,600
40-49	Transportation And Public Utilities	20,400
40-47	Transportation	12,200
48-49	Communication & Public Utilities	8,200
	Trade 152,300	
50-51	Wholesale Trade	30,300
52-59	Retail Trade	122,000
53	General Merchandise Stores	14,700
54	Food Stores	20,900
55	Automotive Dealers & Service Stations	13,600
57	Furniture, Homefurn. & Equip. Stores	5,300
58	Eating And Drinking Places	37,000
60-67	Finance, Insurance, And Real Estate	31,200
63-64	Insurance	13,800
70-89	Services	172,800
70	Hotels and other Lodging Places	9,200
73	Business Services	31,100
80	Health Services	48,900
806	Hospitals	19,800
	Total Government	79,200
	Federal	8,100
	State	20,800

\*Estimates are not published for all industries

Note: Estimates rounded to the nearest hundred.

**New Hampshire Nonfarm Wage and Salary Employment  
1997 Final Benchmark**

SIC Code	Industry	Annual Average
	Total Nonfarm	570,200
	Total Private	491,400
	Goods Producing	128,600
10-14	Mining	500
15-17	Construction	20,900
15	General Building Contractors	5,400
16	Heavy Construction	2,500
17	Special Trade	13,100
20-39	Manufacturing	107,200
	Durable Goods*	73,900
24	Lumber And Wood Products	4,800
25	Furniture And Fixtures	1,100
32	Stone, Clay, And Glass Products	1,800
33	Primary Metal Industries	5,000
34	Fabricated Metal Products	8,100
35	Industrial Machinery And Equipment	18,200
36	Electronic & Other Electric Equipment	19,500
38	Instruments And Related Products	11,500
39	Miscellaneous Manufacturing Industries	2,100
	Nondurable Goods	33,300
20	Food And Kindred Products	2,600
22	Textile Mill Products	3,900
23	Apparel And Other Textile Products	2,000
26	Paper And Allied Products	4,400
27	Printing And Publishing	7,600
30	Rubber And Misc. Plastics Products	9,500
31	Leather And Leather Products	1,900
	Service Producing	441,700
	Private Service Producing	362,800
40-49	Transportation And Public Utilities	19,400
40-47	Transportation	11,000
48-49	Communication & Public Utilities	8,400
	Trade	148,600
50-51	Wholesale Trade	29,200
52-59	Retail Trade	119,500
53	General Merchandise Stores	14,700
54	Food Stores	21,000
55	Automotive Dealers & Service Stations	13,200
57	Furniture, Homefurn. & Equip. Stores	5,200
58	Eating And Drinking Places	36,300
60-67	Finance, Insurance, And Real Estate	29,800
63-64	Insurance	13,500
70-89	Services	165,000
70	Hotels and other Lodging Places	8,900
73	Business Services	29,200
80	Health Services	47,800
806	Hospitals	19,500
	Total Government	78,800
	Federal	8,200
	State	20,700

\*Estimates are not published for all industries

Note: Estimates rounded to the nearest hundred.

**MANCHESTER, NH, PMSA, NONFARM WAGE AND SALARY EMPLOYMENT**  
**Jobs, by Place of Employment, Benchmarked on available Covered Employment Data**

----- 1998 (preliminary benchmark) -----

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Total Nonfarm	98,200	98,300	98,800	99,600	100,100	100,400	98,700	98,500	99,900	101,000	102,300	102,800	99,900
Total Private	87,200	87,100	87,600	88,500	89,000	89,400	89,000	89,200	88,900	89,900	90,900	91,300	89,000
Goods Producing	19,000	18,900	19,000	19,300	19,500	19,600	19,500	19,400	19,300	19,300	19,600	19,700	19,300
Construction and Mining	4,200	4,100	4,200	4,400	4,600	4,700	4,800	4,800	4,700	4,800	4,700	4,600	4,600
Manufacturing	14,800	14,800	14,800	14,900	14,900	14,900	14,700	14,600	14,600	14,500	14,900	15,100	14,800
Durable Goods	9,600	9,600	9,600	9,700	9,700	9,700	9,500	9,500	9,500	9,500	9,800	9,900	9,600
Machinery & Electr. Equip.	4,600	4,600	4,600	4,600	4,500	4,500	4,400	4,400	4,300	4,400	4,600	4,600	4,500
Nondurable Goods	5,200	5,200	5,200	5,200	5,200	5,200	5,200	5,100	5,100	5,000	5,100	5,200	5,200
Service Producing	79,200	79,400	79,800	80,300	80,600	80,800	79,200	79,100	80,600	81,700	82,700	83,100	80,500
Private Service Producing	68,200	68,200	68,600	69,200	69,500	69,800	69,500	69,800	69,600	70,600	71,300	71,600	69,700
Transport & Pub Utils.	5,500	5,500	5,600	5,800	5,800	5,800	5,800	5,800	6,000	6,000	6,100	6,100	5,800
Trade	24,200	23,900	23,900	24,200	24,400	24,500	24,300	24,500	24,300	24,800	25,200	25,500	24,500
Wholesale Trade	6,700	6,700	6,700	6,800	6,800	6,800	6,900	6,900	6,900	6,800	6,900	6,900	6,800
Retail Trade	17,500	17,200	17,200	17,400	17,600	17,700	17,400	17,600	17,400	18,000	18,300	18,600	17,700
Finance, Ins. & Real Estate	7,200	7,200	7,200	7,200	7,300	7,400	7,300	7,300	7,200	7,200	7,100	7,100	7,200
Services	31,300	31,600	31,900	32,000	32,000	32,100	32,100	32,200	32,100	32,600	32,900	32,900	32,100
Total Government	11,000	11,200	11,200	11,100	11,100	11,000	9,700	9,300	11,000	11,100	11,400	11,500	10,900
Federal	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,800	3,100	2,700
State	1,100	1,200	1,200	1,200	1,200	1,100	1,100	1,100	1,200	1,300	1,300	1,100	1,200
Local	7,300	7,400	7,400	7,300	7,300	7,300	6,000	5,600	7,200	7,200	7,300	7,300	7,100

----- 1997 (final benchmark) -----

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Total Nonfarm	94,600	94,300	95,000	95,400	96,500	97,300	95,100	95,500	97,200	98,500	99,800	101,100	96,700
Total Private	83,900	83,600	84,300	84,800	85,800	86,700	85,600	85,900	86,500	87,500	88,600	89,400	86,100
Goods Producing	17,800	17,700	18,100	18,100	18,600	18,700	18,500	18,700	18,700	18,600	18,800	18,900	18,400
Construction and Mining	3,800	3,700	3,900	4,100	4,400	4,500	4,600	4,600	4,500	4,500	4,400	4,300	4,300
Manufacturing	14,000	14,000	14,200	14,000	14,200	14,200	13,900	14,100	14,200	14,100	14,400	14,600	14,200
Durable Goods	8,900	8,900	9,100	8,900	9,000	9,000	8,900	9,000	9,100	9,100	9,400	9,500	9,100
Machinery & Electr. Equip.	4,100	4,100	4,200	4,100	4,100	4,100	4,000	4,100	4,100	4,200	4,500	4,600	4,200
Nondurable Goods	5,100	5,100	5,100	5,100	5,200	5,200	5,000	5,100	5,100	5,000	5,000	5,100	5,100
Service Producing	76,800	76,600	76,900	77,300	77,900	78,600	76,600	76,800	78,500	79,900	81,000	82,200	78,300
Private Service Producing	66,100	65,900	66,200	66,700	67,200	68,000	67,100	67,200	67,800	68,900	69,800	70,500	67,600
Transport & Pub Utils.	5,500	5,500	5,600	5,600	5,600	5,700	5,600	5,300	5,700	5,700	5,800	5,900	5,600
Trade	23,300	22,900	23,100	23,100	23,500	23,800	23,400	23,700	23,900	24,100	24,800	25,300	23,700
Wholesale Trade	6,200	6,300	6,400	6,400	6,500	6,600	6,600	6,700	6,600	6,600	6,700	6,700	6,500
Retail Trade	17,100	16,600	16,700	16,700	17,000	17,200	16,800	17,000	17,300	17,500	18,100	18,600	17,200
Finance, Ins. & Real Estate	7,400	7,400	7,400	7,400	7,300	7,400	7,400	7,400	7,200	7,300	7,200	7,200	7,300
Services	29,900	30,100	30,100	30,600	30,800	31,100	30,700	30,800	31,000	31,800	32,000	32,100	30,900
Total Government	10,700	10,700	10,700	10,600	10,700	10,600	9,500	9,600	10,700	11,000	11,200	11,700	10,600
Federal	2,600	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,600	2,700	3,200	2,600
State	1,100	1,200	1,200	1,100	1,200	1,100	1,100	1,100	1,200	1,200	1,200	1,200	1,200
Local	7,000	7,000	7,000	7,000	7,000	7,000	5,900	6,000	7,000	7,200	7,300	7,300	6,900

Note: Estimates rounded to the nearest hundred.

**NASHUA, NH, PMSA NONFARM WAGE AND SALARY EMPLOYMENT**

Jobs, by Place of Employment, Benchmarked on available Covered Employment Data

**----- 1998 (preliminary benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Total Nonfarm	91,800	91,800	92,800	93,200	93,900	94,700	92,600	92,400	93,300	94,200	94,200	95,600	93,400
Total Private	83,300	83,300	84,200	84,600	85,300	86,300	85,600	85,500	85,200	86,000	86,000	87,200	85,200
Goods Producing	30,900	30,900	31,200	31,200	31,300	31,400	30,800	30,700	30,500	30,700	30,600	30,600	30,900
Construction and Mining	2,700	2,700	2,800	3,000	3,100	3,300	3,200	3,200	3,100	3,300	3,200	3,200	3,100
Manufacturing	28,200	28,200	28,400	28,200	28,200	28,100	27,600	27,500	27,400	27,400	27,400	27,400	27,800
Durable Goods	21,800	21,900	22,100	21,900	21,900	21,900	21,500	21,500	21,500	21,500	21,400	21,400	21,700
Machinery & Electr. Equip.	5,000	5,100	5,000	4,900	5,000	5,000	4,900	4,800	4,900	4,900	4,900	5,000	5,000
Nondurable Goods	6,400	6,300	6,300	6,300	6,300	6,200	6,100	6,000	5,900	5,900	6,000	6,000	6,100
Service Producing	60,900	60,900	61,600	62,000	62,600	63,300	61,800	61,700	62,800	63,500	63,600	65,000	62,500
Private Service Producing	52,400	52,400	53,000	53,400	54,000	54,900	54,800	54,800	54,700	55,300	55,400	56,600	54,300
Transport & Pub Utils.	2,300	2,400	2,400	2,300	2,500	2,700	2,700	2,900	2,900	2,900	3,000	3,000	2,700
Trade	22,500	22,000	22,200	22,400	22,600	22,900	23,000	22,900	23,100	23,200	23,400	24,000	22,900
Wholesale Trade	4,200	4,200	4,200	4,200	4,200	4,200	4,300	4,300	4,400	4,400	4,400	4,400	4,300
Retail Trade	18,300	17,800	18,000	18,200	18,400	18,700	18,700	18,600	18,700	18,800	19,000	19,600	18,600
Finance, Ins. & Real Estate	5,100	5,100	5,100	5,000	5,000	5,100	5,200	5,200	5,200	5,200	5,300	5,600	5,200
Services	22,500	22,900	23,300	23,700	23,900	24,200	23,900	23,800	23,500	24,000	23,700	24,000	23,600
Total Government	8,500	8,500	8,600	8,600	8,600	8,400	7,000	6,900	8,100	8,200	8,200	8,400	8,200
Federal	1,400	1,400	1,400	1,400	1,400	1,400	1,300	1,300	1,300	1,300	1,300	1,300	1,400
State	500	500	500	500	500	400	500	500	500	500	500	500	500
Local	6,600	6,600	6,700	6,700	6,700	6,600	5,200	5,100	6,300	6,400	6,400	6,600	6,300

**----- 1997 (final benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Total Nonfarm	88,700	88,400	88,800	90,000	91,500	92,600	90,400	91,100	92,600	93,100	93,600	94,900	91,300
Total Private	80,300	79,900	80,400	81,400	82,900	84,300	83,300	83,900	84,300	84,500	85,000	86,300	83,000
Goods Producing	29,800	29,900	29,900	30,100	30,300	30,700	30,600	31,000	31,100	31,200	31,000	31,100	30,600
Construction and Mining	2,600	2,500	2,500	2,700	2,800	2,900	2,900	3,000	3,000	3,000	3,000	2,900	2,800
Manufacturing	27,200	27,400	27,400	27,400	27,500	27,800	27,700	28,000	28,100	28,200	28,000	28,200	27,700
Durable Goods	20,800	21,000	21,000	21,000	21,100	21,400	21,300	21,500	21,600	21,600	21,400	21,600	21,300
Machinery & Electr. Equip.	5,400	5,500	5,500	5,300	5,200	5,100	5,100	5,100	5,000	5,000	5,000	5,000	5,200
Nondurable Goods	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,500	6,500	6,600	6,600	6,600	6,500
Service Producing	58,900	58,500	58,900	59,900	61,200	61,900	59,800	60,100	61,500	61,900	62,600	63,800	60,800
Private Service Producing	50,500	50,000	50,500	51,300	52,600	53,600	52,700	52,900	53,200	53,300	54,000	55,200	52,500
Transport & Pub Utils.	2,200	2,100	2,100	2,200	2,200	2,200	2,200	2,000	2,300	2,300	2,300	2,300	2,200
Trade	22,100	21,500	21,600	21,700	22,300	22,600	22,300	22,400	22,400	22,700	23,200	24,100	22,400
Wholesale Trade	3,900	3,900	3,900	3,900	4,000	4,000	4,100	4,100	4,100	4,200	4,200	4,300	4,100
Retail Trade	18,200	17,600	17,700	17,800	18,300	18,600	18,200	18,300	18,300	18,500	19,000	19,800	18,400
Finance, Ins. & Real Estate	4,100	4,200	4,200	4,400	4,500	4,700	4,800	4,800	4,900	5,000	5,300	5,500	4,700
Services	22,100	22,200	22,600	23,000	23,600	24,100	23,400	23,700	23,600	23,300	23,200	23,300	23,200
Total Government	8,400	8,500	8,400	8,600	8,600	8,300	7,100	7,200	8,300	8,600	8,600	8,600	8,300
Federal	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
State	500	500	500	500	500	400	500	500	500	500	500	500	500
Local	6,500	6,600	6,500	6,700	6,700	6,500	5,200	5,300	6,400	6,700	6,700	6,700	6,400

**PORSCMOUTH-ROCHESTER, NH-ME, PMSA NONFARM WAGE AND SALARY EMPLOYMENT**

Jobs, by Place of Employment, Benchmarked on available Covered Employment Data

**----- 1998 (preliminary benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Total Nonfarm	112,300	114,100	114,300	115,900	117,900	118,400	117,000	117,000	118,100	118,800	118,800	118,800	116,800
Total Private	91,600	92,100	92,600	93,800	95,900	98,400	98,000	98,500	97,000	96,500	96,500	96,900	95,700
Goods Producing	22,500	22,400	22,500	22,400	22,700	22,800	22,000	22,500	22,500	22,500	22,700	22,500	22,500
Construction and Mining	3,300	3,200	3,300	3,500	3,900	4,000	4,100	4,000	4,000	4,000	4,100	3,900	3,800
Manufacturing	19,200	19,200	19,200	18,900	18,800	18,800	17,900	18,500	18,500	18,500	18,600	18,600	18,700
Durable Goods	11,900	11,800	11,800	11,500	11,400	11,400	10,800	11,300	11,300	11,200	11,200	11,200	11,400
Nondurable Goods	7,300	7,400	7,400	7,400	7,400	7,400	7,100	7,200	7,200	7,300	7,400	7,400	7,300
Service Producing	89,800	91,700	91,800	93,500	95,200	95,600	95,000	94,500	95,600	96,300	96,100	96,300	94,300
Private Service Producing	69,100	69,700	70,100	71,400	73,200	75,600	76,000	76,000	74,500	74,000	73,800	74,400	73,200
Transport & Pub Utils.	3,800	3,800	3,900	3,900	4,000	4,100	4,000	4,000	3,900	3,900	3,800	4,000	3,900
Trade	29,200	29,300	29,400	29,900	30,900	31,900	31,900	31,900	31,000	31,400	31,500	31,800	30,800
Wholesale Trade	5,400	5,500	5,500	5,500	5,500	5,500	5,400	5,500	5,400	5,300	5,300	5,300	5,400
Retail Trade	23,800	23,800	23,900	24,400	25,400	26,400	26,500	26,400	25,600	26,100	26,200	26,500	25,400
Finance, Ins. & Real Estate Services	6,400	6,400	6,500	6,500	6,500	6,600	6,600	6,700	6,800	6,700	6,600	6,600	6,600
Total Government	20,700	22,000	21,700	22,100	22,000	20,000	19,000	18,500	21,100	22,300	22,300	21,900	21,100
Federal	5,100	5,100	5,100	5,100	5,200	5,200	5,100	5,100	5,100	5,000	5,000	5,200	5,100
State	5,400	6,500	6,200	6,500	6,200	4,400	4,800	4,500	5,700	6,500	6,400	5,700	5,700
Local	10,200	10,400	10,400	10,500	10,600	10,400	9,100	8,900	10,300	10,800	10,900	11,000	10,300

**----- 1997 (final benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Total Nonfarm	109,100	110,500	111,200	115,400	117,700	118,600	115,900	116,300	116,900	116,300	116,300	116,700	115,100
Total Private	88,200	88,400	89,100	92,600	95,200	98,100	95,300	97,000	95,800	94,300	94,100	95,200	93,600
Goods Producing	22,000	22,000	22,100	22,700	22,600	22,800	20,900	22,500	22,600	22,400	22,200	22,800	22,300
Construction and Mining	3,000	2,900	3,000	3,500	3,500	3,600	3,600	3,600	3,600	3,500	3,400	3,400	3,400
Manufacturing	19,000	19,100	19,100	19,200	19,100	19,200	17,300	18,900	19,000	18,900	18,800	19,400	18,900
Durable Goods	11,900	12,000	12,100	12,000	12,000	12,100	10,600	11,900	12,000	12,000	12,000	12,100	11,900
Nondurable Goods	7,100	7,100	7,000	7,200	7,100	7,100	6,700	7,000	7,000	6,900	6,800	7,300	7,000
Service Producing	87,100	88,500	89,100	92,700	95,100	95,800	95,000	93,800	94,300	93,900	94,100	93,900	92,800
Private Service Producing	66,200	66,400	67,000	69,900	72,600	75,300	74,400	74,500	73,200	71,900	71,900	72,400	71,300
Transport & Pub Utils.	3,800	3,800	3,900	3,900	4,000	4,100	3,900	3,800	4,000	4,000	3,900	3,900	3,900
Trade	28,400	28,400	28,400	29,800	31,200	32,700	32,300	32,300	31,400	30,800	31,200	31,500	30,700
Wholesale Trade	4,900	5,000	5,000	5,200	5,200	5,300	5,400	5,400	5,500	5,500	5,500	5,600	5,300
Retail Trade	23,500	23,400	23,400	24,600	26,000	27,400	26,900	26,900	25,900	25,300	25,700	25,900	25,400
Finance, Ins. & Real Estate Services	6,100	6,100	6,200	6,300	6,400	6,400	6,400	6,400	6,300	6,300	6,300	6,300	6,300
Total Government	20,900	22,100	22,100	22,800	22,500	20,500	20,600	19,300	21,100	22,000	22,200	21,500	21,500
Federal	5,400	5,400	5,400	5,400	5,300	5,300	5,300	5,200	5,200	5,100	5,100	5,200	5,300
State	5,500	6,500	6,400	6,600	6,300	4,600	5,700	4,700	6,000	6,600	6,500	5,800	5,900
Local	10,000	10,200	10,300	10,800	10,900	10,600	9,600	9,400	9,900	10,300	10,600	10,500	10,300

**NEW HAMPSHIRE NONFARM PRODUCTION WORKER AVERAGE WEEKLY HOURS**  
**Jobs by Place of Employment**

----- 1998 (preliminary benchmark) -----

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	41.6	42.0	41.7	41.0	41.0	41.3	40.2	41.2	40.3	41.1	41.4	42.1	41.2
Durable Goods	42.2	42.5	42.3	41.0	41.3	41.7	40.1	40.9	40.1	40.9	41.1	42.1	41.3
Lumber and Wood Products	39.6	39.1	39.5	40.3	40.3	39.6	39.4	40.1	38.4	39.1	39.4	40.1	39.6
Furniture and Fixtures	40.4	38.8	40.5	41.5	41.9	42.2	42.0	42.4	40.8	40.5	38.3	39.4	40.7
Stone, Clay, Glass Prod.	42.1	43.8	42.8	41.6	44.0	43.5	41.7	41.5	40.6	38.8	40.0	41.6	41.8
Primary Metal Products	45.5	46.0	46.6	46.2	46.8	46.5	44.0	45.7	44.9	46.4	46.3	46.8	46.0
Fabricated Metal Products	39.8	40.0	40.6	40.2	40.0	40.7	39.3	39.2	36.2	40.2	39.2	40.0	39.6
Industrial Machinery	43.0	43.9	43.9	42.9	42.6	43.6	42.3	42.8	41.2	42.4	42.9	43.1	42.9
Electronic Equipment	43.6	43.3	41.9	39.4	39.9	40.4	38.2	40.0	39.9	40.5	41.0	42.1	40.8
Instruments and Related Products	38.8	41.0	41.1	40.6	40.5	40.3	39.6	40.1	40.0	40.6	41.5	42.8	40.6
Miscellaneous Mfg.	42.3	40.2	40.8	35.8	37.1	37.2	38.3	39.8	37.3	38.9	38.1	40.5	38.9
Nondurable Goods	40.4	41.0	40.5	40.9	40.4	40.4	40.4	41.8	40.8	41.6	42.1	42.1	41.0
Food and Kindred Products	46.2	46.7	42.1	45.8	47.1	43.6	43.0	51.0	48.8	47.6	52.1	48.8	46.9
Textile Mill Products	43.7	42.3	42.3	43.0	41.6	40.8	41.5	42.8	39.3	40.7	39.7	39.8	41.5
Apparel and Other Textiles	36.3	37.0	38.4	37.8	38.7	38.3	36.2	36.7	35.8	38.4	37.7	36.6	37.3
Paper and Allied Products	44.7	43.4	44.4	45.7	45.1	44.7	44.2	46.5	49.2	46.7	46.0	44.7	45.4
Printing and Publishing	38.0	39.0	38.2	38.2	38.0	37.9	38.1	37.2	38.1	37.9	38.3	39.6	38.2
Rubber & Misc. Plastics Products	38.1	40.3	39.9	39.8	38.5	39.8	39.6	41.1	38.6	41.6	42.6	43.4	40.3
Leather and Leather Products	37.6	38.9	39.1	36.6	38.7	38.9	40.9	40.3	39.0	39.0	39.7	39.4	39.0

----- 1997 (final benchmark) -----

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	42.0	41.6	42.3	42.4	42.2	42.2	40.5	41.6	41.7	41.7	42.3	43.7	42.0
Durable Goods	42.2	41.8	43.1	42.9	42.7	42.5	40.9	42.0	42.3	41.8	42.8	44.1	42.4
Lumber and Wood Products	40.4	39.5	39.6	40.8	41.0	39.8	40.3	39.7	40.7	41.0	40.3	41.5	40.4
Furniture and Fixtures	43.2	44.0	42.1	42.3	43.4	43.4	43.2	43.3	42.5	41.2	43.2	43.6	43.0
Stone, Clay, Glass Prod.	44.9	44.1	40.3	41.5	41.3	41.0	44.2	41.8	41.3	43.4	42.5	43.9	42.5
Primary Metal Products	43.5	43.0	43.7	43.8	44.9	44.2	40.3	46.6	46.0	45.5	46.5	47.2	44.6
Fabricated Metal Products	39.2	39.2	39.1	40.3	40.1	39.9	37.0	40.3	41.2	38.7	39.8	40.3	39.6
Industrial Machinery	44.3	42.8	43.5	43.1	42.7	42.7	41.4	43.1	43.2	41.6	42.2	45.6	43.0
Electronic Equipment	42.4	42.2	46.6	44.1	44.4	45.1	41.7	42.0	42.5	43.0	45.4	44.4	43.6
Instruments and Related Products	41.1	40.7	41.0	42.6	40.8	40.5	40.2	40.3	40.2	40.6	40.3	42.1	40.9
Miscellaneous Mfg.	40.0	40.2	39.4	41.8	39.7	37.8	41.1	38.8	39.0	37.9	34.8	45.2	39.6
Nondurable Goods	41.5	41.2	40.8	41.5	41.2	41.3	39.9	40.6	40.5	41.4	41.4	42.7	41.2
Food and Kindred Products	47.8	46.5	49.0	44.2	44.0	41.7	40.7	46.7	43.8	43.3	51.2	49.9	45.7
Textile Mill Products	42.7	41.6	43.0	43.6	45.5	43.4	40.5	40.8	41.7	42.3	42.1	42.4	42.5
Apparel and Other Textiles	35.5	37.3	38.6	39.7	37.9	39.2	37.5	37.5	37.1	37.2	37.5	38.8	37.8
Paper and Allied Products	43.6	43.0	41.4	43.8	43.4	47.9	47.3	46.4	45.5	47.0	46.4	47.4	45.3
Printing and Publishing	37.6	38.3	37.4	39.0	38.0	37.3	37.4	37.6	38.5	38.4	38.7	39.9	38.2
Rubber & Misc. Plastics Products	42.6	41.8	40.6	41.4	40.5	40.9	38.4	39.9	40.1	41.8	39.8	42.3	40.8
Leather and Leather Products	39.9	39.5	37.9	39.0	39.1	38.9	39.3	36.6	33.0	35.1	37.0	37.3	37.7

**1998 (preliminary benchmark) NONFARM PRODUCTION WORKER AVERAGE WEEKLY HOURS**

## Jobs by Place of Employment

**Manchester, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	39.0	39.1	38.4	40.0	39.9	40.7	39.2	39.8	39.3	41.0	41.8	43.1	40.1
Durable Goods Machinery & Electr. Equip.	42.3	41.9	41.5	41.3	41.4	42.8	40.8	39.9	39.8	41.9	42.3	41.9	41.5
Nondurable Goods	40.6	39.4	38.9	38.7	39.7	41.0	36.8	37.0	37.3	38.2	38.5	38.1	38.7
	33.3	34.3	33.1	37.6	37.2	37.2	36.4	39.7	38.5	39.2	41.0	45.3	37.7

**Nashua, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	41.1	41.2	42.0	40.6	41.5	42.3	41.8	42.3	41.0	41.4	42.0	42.7	41.7
Durable Goods Machinery & Electr. Equip.	41.4	41.6	42.5	40.5	41.6	42.3	41.7	41.9	40.5	41.3	40.9	42.7	41.6
Nondurable Goods	42.9	41.7	42.7	42.0	42.1	41.8	40.2	41.2	40.4	40.9	42.4	43.7	41.8
	40.4	39.9	40.4	40.9	41.3	42.3	42.3	43.7	42.6	41.7	45.8	42.8	42.0

**Portsmouth-Rochester, NH-ME, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	41.6	42.9	42.3	41.9	41.3	39.9	38.6	40.8	39.3	39.9	40.2	40.7	40.8
Durable Goods Nondurable Goods	41.1	41.9	42.4	41.2	41.4	40.9	38.7	40.8	39.3	40.2	40.6	41.7	40.8
	42.5	44.5	42.3	43.0	41.2	38.2	38.5	40.9	39.4	39.4	39.6	39.4	40.7

**1997 (final benchmark)****Manchester, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	42.5	41.1	43.1	41.8	41.0	41.0	40.3	40.1	40.8	40.6	40.5	43.8	41.4
Durable Goods Machinery & Electr. Equip.	44.0	43.2	47.1	44.3	43.9	43.8	44.1	43.4	43.8	43.4	43.6	45.5	44.2
Nondurable Goods	44.0	41.2	49.5	43.6	42.6	43.2	43.4	42.1	41.6	42.0	41.0	40.9	42.9
	39.9	37.5	36.2	37.4	36.0	36.1	33.5	34.3	35.7	35.6	35.0	40.7	36.5

**Nashua, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	42.2	41.9	41.4	41.6	41.3	40.9	39.3	41.0	40.9	39.3	41.5	43.2	41.2
Durable Goods Machinery & Electr. Equip.	42.6	42.0	41.8	42.3	42.0	41.6	40.1	41.1	41.4	39.4	41.0	43.6	41.6
Nondurable Goods	42.9	42.6	43.5	42.2	41.7	42.4	42.2	42.4	43.1	41.9	41.2	43.5	42.5
	41.0	41.6	40.5	39.6	39.7	38.9	36.9	40.6	39.4	39.2	42.7	42.2	40.2

**Portsmouth-Rochester, NH-ME, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	42.2	40.6	42.7	42.8	42.1	42.1	37.6	42.0	41.2	41.4	41.8	43.2	41.6
Durable Goods Nondurable Goods	41.7	40.0	41.2	42.6	41.5	40.8	35.8	41.9	41.4	41.1	41.2	42.4	41.0
	43.2	41.8	45.4	43.2	43.2	44.2	40.5	42.1	40.8	41.9	42.8	44.5	42.8

**NEW HAMPSHIRE NONFARM PRODUCTION WORKER AVERAGE WEEKLY EARNINGS**

Jobs by Place of Employment

**----- 1998 (preliminary benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$527.90	\$533.82	\$525.84	\$521.93	\$522.34	\$528.64	\$518.58	\$525.30	\$519.47	\$523.61	\$533.23	\$541.83	\$526.87
Durable Goods	540.16	542.30	541.02	528.90	533.18	539.60	518.09	521.88	520.10	521.07	528.55	542.25	531.42
Lumber and Wood Products	395.60	387.87	400.14	405.02	403.81	414.61	409.37	420.25	406.27	414.07	425.52	428.27	409.23
Furniture and Fixtures	341.78	322.82	339.80	348.19	372.07	378.11	372.12	378.63	368.42	383.54	349.68	362.48	359.80
Stone, Clay, Glass Prod.	555.72	586.04	567.96	552.86	605.00	571.59	556.70	590.13	577.33	546.69	554.40	581.57	570.50
Primary Metal Products	587.86	597.08	608.13	621.85	611.21	621.24	603.68	562.57	584.15	581.39	591.71	591.08	596.83
Fabricated Metal Products	504.27	514.80	524.96	502.10	503.20	515.67	504.61	502.94	496.30	517.78	505.29	529.20	510.09
Industrial Machinery	586.52	600.99	602.75	595.88	595.12	604.73	579.09	592.78	588.75	596.14	609.61	621.93	597.86
Electronic Equipment	462.60	455.52	442.05	421.97	431.32	433.49	412.18	424.80	408.58	414.72	421.89	426.05	429.60
Instruments et al	738.36	746.61	737.33	726.33	724.55	723.79	711.22	715.79	706.80	709.28	722.93	746.43	725.78
Miscellaneous Mfg.	464.88	427.33	441.46	408.84	393.63	423.71	416.32	447.75	443.87	467.19	466.34	474.26	439.63
Nondurable Goods	502.58	516.19	495.32	505.52	499.75	505.40	518.74	531.70	519.38	529.15	543.93	540.99	517.39
Food and Kindred Products	699.47	763.55	628.13	679.67	710.74	653.56	684.99	847.62	780.31	832.05	953.43	807.64	753.43
Textile Mill Products	486.82	468.26	469.11	489.77	481.31	474.50	500.08	511.03	450.38	468.05	454.57	447.35	475.10
Apparel and Other Textiles	315.81	326.71	332.54	346.63	332.05	338.19	327.61	336.54	327.21	359.42	355.89	333.79	336.03
Paper and Allied Products	556.07	552.92	564.32	587.70	594.87	585.57	592.72	630.08	689.78	641.66	643.54	640.10	606.61
Printing and Publishing	573.04	579.93	564.60	563.07	562.40	570.77	571.50	575.86	579.50	560.16	587.91	595.19	573.66
Rubber & Misc. Plastics Prod.	453.39	482.39	460.45	464.86	443.14	462.48	455.00	454.57	449.30	492.54	491.60	520.80	469.21
Leather and Leather Products	277.49	285.53	287.39	266.45	286.77	287.47	316.16	296.61	288.21	285.87	290.60	288.80	288.11

**----- 1997 (final benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$526.68	\$518.75	\$519.87	\$524.91	\$530.88	\$527.50	\$516.78	\$520.83	\$522.92	\$524.59	\$532.56	\$561.11	\$527.28
Durable Goods	540.58	529.19	536.16	540.11	544.85	541.03	531.70	536.76	539.33	533.37	543.13	571.98	540.68
Lumber and Wood Products	378.14	384.73	384.52	389.64	391.14	383.67	387.69	397.00	401.30	407.13	398.16	415.00	393.18
Furniture and Fixtures	381.89	379.28	372.16	375.20	397.98	384.52	354.24	359.82	393.13	376.57	364.18	381.94	376.74
Stone, Clay, Glass Prod.	599.86	577.27	531.15	537.43	548.46	535.05	594.93	554.69	551.77	557.26	567.38	594.41	562.47
Primary Metal Products	531.14	530.19	534.45	543.56	561.25	550.29	502.94	592.29	579.60	576.49	589.62	608.88	558.39
Fabricated Metal Products	477.06	473.54	480.93	485.21	490.42	496.36	496.17	491.26	516.65	486.85	498.69	521.48	492.88
Industrial Machinery	559.95	541.85	543.32	547.80	560.65	562.36	548.96	567.63	571.97	558.69	565.48	618.79	562.29
Electronic Equipment	518.55	486.99	510.27	508.91	513.71	514.59	500.40	485.94	476.43	473.00	492.14	491.06	497.67
Instruments et al	715.96	707.37	720.37	717.38	711.55	703.89	705.91	713.71	715.16	726.74	729.83	764.54	719.37
Miscellaneous Mfg.	432.00	439.79	435.76	458.96	427.57	438.86	426.21	402.74	408.72	435.85	401.59	504.43	434.37
Nondurable Goods	496.76	498.11	487.97	495.93	502.64	495.60	488.38	486.39	490.46	504.25	511.70	535.89	499.51
Food and Kindred Products	762.41	800.73	754.11	702.78	746.68	675.12	661.78	701.90	671.89	670.72	800.26	749.00	724.78
Textile Mill Products	452.19	432.22	453.65	451.26	453.64	466.98	458.06	450.43	474.96	470.80	468.15	471.91	458.69
Apparel and Other Textiles	274.06	293.18	309.96	325.94	306.61	313.99	303.00	309.00	317.58	318.06	317.63	345.71	311.23
Paper and Allied Products	549.80	534.92	540.68	571.15	608.90	596.36	588.89	560.05	566.48	592.67	589.74	604.35	575.33
Printing and Publishing	542.19	541.18	520.98	541.71	535.42	522.95	542.30	536.93	549.78	558.34	578.95	584.93	546.30
Rubber & Misc. Plastics Prod.	468.17	478.61	460.00	466.99	459.68	462.58	428.16	446.08	441.90	470.25	448.15	518.60	462.43
Leather and Leather Products	281.30	277.69	266.06	271.05	274.87	274.63	264.49	260.23	236.28	254.12	273.80	270.43	267.08

**1998 (preliminary benchmark) NONFARM PRODUCTION WORKER AVERAGE WEEKLY EARNINGS**

Jobs by Place of Employment

**Manchester, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$545.22	\$543.10	\$541.44	\$549.60	\$552.22	\$560.85	\$527.24	\$524.17	\$511.29	\$542.02	\$561.37	\$576.68	\$544.60
Durable Goods Machinery & Electr. Equip.	560.48 479.49	556.01 459.01	556.10 459.80	553.42 454.34	553.93 467.67	572.66 485.03	536.52 428.35	523.89 436.97	513.02 437.53	540.93 452.67	557.51 461.23	561.04 453.39	548.79 456.29
Nondurable Goods	519.48	521.36	518.02	541.44	548.70	542.75	511.42	525.63	508.59	542.53	570.31	605.21	537.95

**Nashua, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$602.53	\$608.94	\$600.60	\$594.38	\$588.89	\$605.31	\$601.50	\$618.00	\$602.70	\$607.34	\$633.36	\$624.70	\$607.35
Durable Goods Machinery & Electr. Equip.	604.44 654.23	603.20 644.68	604.35 655.45	586.85 665.28	580.74 654.23	591.78 646.65	590.89 641.59	598.33 642.31	589.28 656.90	588.11 643.77	595.91 687.30	608.05 711.44	595.16 658.65
Nondurable Goods	599.54	624.44	588.63	618.82	617.02	650.15	638.73	684.78	647.09	672.20	758.45	678.81	648.22

**Portsmouth-Rochester, NH-ME, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$496.29	\$516.52	\$501.68	\$501.12	\$503.45	\$486.78	\$487.52	\$505.10	\$494.39	\$487.18	\$490.44	\$505.90	\$498.03
Durable Goods	517.45	532.13	526.61	510.47	532.82	525.57	507.36	523.06	514.83	517.78	521.30	557.11	523.87
Nondurable Goods	463.25	491.28	464.03	486.33	459.79	426.69	458.54	478.94	464.13	441.28	445.10	434.19	459.46

**1997 (final benchmark)****Manchester, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$566.95	\$542.11	\$560.73	\$566.39	\$570.72	\$567.03	\$554.53	\$540.55	\$551.62	\$549.72	\$548.37	\$615.83	\$561.21
Durable Goods Machinery & Electr. Equip.	592.24 544.72	569.81 471.33	590.63 512.33	588.75 502.71	606.70 531.65	603.13 538.27	608.58 569.41	578.52 514.46	590.86 505.86	581.99 515.34	577.26 487.08	633.82 510.43	593.52 516.97
Nondurable Goods	522.69	495.00	510.42	526.97	508.32	503.96	457.61	473.68	485.16	491.99	498.05	582.82	504.72

**Nashua, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$624.14	\$619.70	\$604.85	\$603.20	\$607.52	\$592.64	\$580.46	\$601.88	\$601.64	\$593.04	\$624.16	\$642.38	\$607.97
Durable Goods Machinery & Electr. Equip.	634.74 639.21	622.86 626.65	615.30 638.15	614.62 622.45	611.52 639.26	595.71 626.25	579.85 636.80	594.31 635.15	595.75 655.55	585.88 641.49	605.57 629.54	643.10 674.69	608.27 638.77
Nondurable Goods	594.09	609.86	579.96	570.64	600.66	583.50	579.70	621.18	617.40	616.22	672.95	642.28	607.37

**Portsmouth-Rochester, NH-ME, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$497.54	\$483.95	\$482.51	\$489.63	\$489.62	\$492.99	\$436.16	\$488.46	\$479.57	\$485.62	\$494.08	\$526.61	\$487.23
Durable Goods Nondurable Goods	509.16 479.95	492.80 470.25	497.70 457.18	520.57 438.48	502.15 470.02	500.62 478.24	428.53 448.74	510.34 450.47	499.70 443.90	500.60 459.64	502.23 478.08	541.87 501.52	500.52 464.71

**NEW HAMPSHIRE NONFARM PRODUCTION WORKER AVERAGE HOURLY EARNINGS**

Jobs by Place of Employment

**----- 1998 (preliminary benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	12.69	12.71	12.61	12.73	12.74	12.80	12.90	12.75	12.89	12.74	12.88	12.87	\$12.78
Durable Goods	12.80	12.76	12.79	12.90	12.91	12.94	12.92	12.76	12.97	12.74	12.86	12.88	12.85
Lumber and Wood Products	9.99	9.92	10.13	10.05	10.02	10.47	10.39	10.48	10.58	10.59	10.80	10.68	10.34
Furniture and Fixtures	8.46	8.32	8.39	8.39	8.88	8.96	8.86	8.93	9.03	9.47	9.13	9.20	8.84
Stone, Clay, Glass Prod.	13.20	13.38	13.27	13.29	13.75	13.14	13.35	14.22	14.22	14.09	13.86	13.98	13.65
Primary Metal Products	12.92	12.98	13.05	13.46	13.06	13.36	13.72	12.31	13.01	12.53	12.78	12.63	12.98
Fabricated Metal Products	12.67	12.87	12.93	12.49	12.58	12.67	12.84	12.83	13.71	12.88	12.89	13.23	12.88
Industrial Machinery	13.64	13.69	13.73	13.89	13.97	13.87	13.69	13.85	14.29	14.06	14.21	14.43	13.94
Electronic Equipment	10.61	10.52	10.55	10.71	10.81	10.73	10.79	10.62	10.24	10.24	10.29	10.12	10.52
Instruments et al	19.03	18.21	17.94	17.89	17.89	17.96	17.96	17.85	17.67	17.47	17.42	17.44	17.89
Miscellaneous Mfg.	10.99	10.63	10.82	11.42	10.61	11.39	10.87	11.25	11.90	12.01	12.24	11.71	11.32
Nondurable Goods	12.44	12.59	12.23	12.36	12.37	12.51	12.84	12.72	12.73	12.72	12.92	12.85	12.61
Food and Kindred Products	15.14	16.35	14.92	14.84	15.09	14.99	15.93	16.62	15.99	17.48	18.30	16.55	16.02
Textile Mill Products	11.14	11.07	11.09	11.39	11.57	11.63	12.05	11.94	11.46	11.50	11.45	11.24	11.46
Apparel and Other Textiles	8.70	8.83	8.66	9.17	8.58	8.83	9.05	9.17	9.14	9.36	9.44	9.12	9.00
Paper and Allied Products	12.44	12.74	12.71	12.86	13.19	13.10	13.41	13.55	14.02	13.74	13.99	14.32	13.34
Printing and Publishing	15.08	14.87	14.78	14.74	14.80	15.06	15.00	15.48	15.21	14.78	15.35	15.03	15.02
Rubber & Misc. Plastics Prod.	11.90	11.97	11.54	11.68	11.51	11.62	11.49	11.06	11.64	11.84	11.54	12.00	11.65
Leather and Leather Products	7.38	7.34	7.35	7.28	7.41	7.39	7.73	7.36	7.39	7.33	7.32	7.33	7.38

**----- 1997 (final benchmark) -----**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$12.54	\$12.47	\$12.29	\$12.38	\$12.58	\$12.50	\$12.76	\$12.52	\$12.54	\$12.58	\$12.59	\$12.84	\$12.55
Durable Goods	12.81	12.66	12.44	12.59	12.76	12.73	13.00	12.78	12.75	12.76	12.69	12.97	12.74
Lumber and Wood Products	9.36	9.74	9.71	9.55	9.54	9.64	9.62	10.00	9.86	9.93	9.88	10.00	9.74
Furniture and Fixtures	8.84	8.62	8.84	8.87	9.17	8.86	8.20	8.31	9.25	9.14	8.43	8.76	8.77
Stone, Clay, Glass Prod.	13.36	13.09	13.18	12.95	13.28	13.05	13.46	13.27	13.36	12.84	13.35	13.54	13.23
Primary Metal Products	12.21	12.33	12.23	12.41	12.50	12.45	12.48	12.71	12.60	12.67	12.68	12.90	12.51
Fabricated Metal Products	12.17	12.08	12.30	12.04	12.23	12.44	13.41	12.19	12.54	12.58	12.53	12.94	12.45
Industrial Machinery	12.64	12.66	12.49	12.71	13.13	13.17	13.26	13.17	13.24	13.43	13.40	13.57	13.07
Electronic Equipment	12.23	11.54	10.95	11.54	11.57	11.41	12.00	11.57	11.21	11.00	10.84	11.06	11.41
Instruments et al	17.42	17.38	17.57	16.84	17.44	17.38	17.56	17.71	17.79	17.90	18.11	18.16	17.60
Miscellaneous Mfg.	10.80	10.94	11.06	10.98	10.77	11.61	10.37	10.38	10.48	11.50	11.54	11.16	10.97
Nondurable Goods	11.97	12.09	11.96	11.95	12.20	12.00	12.24	11.98	12.11	12.18	12.36	12.55	12.13
Food and Kindred Products	15.95	17.22	15.39	15.90	16.97	16.19	16.26	15.03	15.34	15.49	15.63	15.01	15.86
Textile Mill Products	10.59	10.39	10.55	10.35	9.97	10.76	11.31	11.04	11.39	11.13	11.12	11.13	10.81
Apparel and Other Textiles	7.72	7.86	8.03	8.21	8.09	8.01	8.08	8.24	8.56	8.55	8.47	8.91	8.23
Paper and Allied Products	12.61	12.44	13.06	13.04	14.03	12.45	12.45	12.07	12.45	12.61	12.71	12.75	12.72
Printing and Publishing	14.42	14.13	13.93	13.89	14.09	14.02	14.50	14.28	14.28	14.54	14.96	14.66	14.31
Rubber & Misc. Plastics Prod.	10.99	11.45	11.33	11.28	11.35	11.31	11.15	11.18	11.02	11.25	11.26	12.26	11.32
Leather and Leather Products	7.05	7.03	7.02	6.95	7.03	7.06	6.73	7.11	7.16	7.24	7.40	7.25	7.09

**1998 (preliminary benchmark) NONFARM PRODUCTION WORKER AVERAGE HOURLY EARNINGS**

## Jobs by Place of Employment

**Manchester, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$13.98	\$13.89	\$14.10	\$13.74	\$13.84	\$13.78	\$13.45	\$13.17	\$13.01	\$13.22	\$13.43	\$13.38	\$13.58
Durable Goods Machinery & Electr. Equip.	13.25 11.81	13.27 11.65	13.40 11.82	13.40 11.74	13.38 11.78	13.38 11.83	13.15 11.64	13.13 11.81	12.89 11.73	12.91 11.85	13.18 11.98	13.39 11.90	13.23 11.80
Nondurable Goods	15.60	15.20	15.65	14.40	14.75	14.59	14.05	13.24	13.21	13.84	13.91	13.36	14.32

**Nashua, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$14.66	\$14.78	\$14.30	\$14.64	\$14.19	\$14.31	\$14.39	\$14.61	\$14.70	\$14.67	\$15.08	\$14.63	\$14.58
Durable Goods Machinery & Electr. Equip.	14.60 15.25	14.50 15.46	14.22 15.35	14.49 15.84	13.96 15.54	13.99 15.47	14.17 15.96	14.28 15.59	14.55 16.26	14.24 15.74	14.57 16.21	14.24 16.28	14.32 15.75
Nondurable Goods	14.84	15.65	14.57	15.13	14.94	15.37	15.10	15.67	15.19	16.12	16.56	15.86	15.42

**Portsmouth-Rochester, NH-ME, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$11.93	\$12.04	\$11.86	\$11.96	\$12.19	\$12.20	\$12.63	\$12.38	\$12.58	\$12.21	\$12.20	\$12.43	\$12.22
Durable Goods Nondurable Goods	12.59 10.90	12.70 11.04	12.42 10.97	12.39 11.31	12.87 11.16	12.85 11.17	13.11 11.91	12.82 11.71	13.10 11.78	12.88 11.20	12.84 11.24	13.36 11.02	12.83 11.28

**1997 (final benchmark)****Manchester, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$13.34	\$13.19	\$13.01	\$13.55	\$13.92	\$13.83	\$13.76	\$13.48	\$13.52	\$13.54	\$13.54	\$14.06	\$13.56
Durable Goods Machinery & Electr. Equip.	13.46 12.38	13.19 11.44	12.54 10.35	13.29 11.53	13.82 12.48	13.77 12.46	13.80 13.12	13.33 12.22	13.49 12.16	13.41 12.27	13.24 11.88	13.93 12.48	13.44 12.06
Nondurable Goods	13.10	13.20	14.10	14.09	14.12	13.96	13.66	13.81	13.59	13.82	14.23	14.32	13.83

**Nashua, NH, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$14.79	\$14.79	\$14.61	\$14.50	\$14.71	\$14.49	\$14.77	\$14.68	\$14.71	\$15.09	\$15.04	\$14.87	\$14.75
Durable Goods Machinery & Electr. Equip.	14.90 14.90	14.83 14.71	14.72 14.67	14.53 14.75	14.56 15.33	14.32 14.77	14.46 15.09	14.46 14.98	14.39 15.21	14.87 15.31	14.77 15.28	14.75 15.51	14.63 15.04
Nondurable Goods	14.49	14.66	14.32	14.41	15.13	15.00	15.71	15.30	15.67	15.72	15.76	15.22	15.12

**Portsmouth-Rochester, NH-ME, PMSA**

Industry	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
Manufacturing	\$11.79	\$11.92	\$11.30	\$11.44	\$11.63	\$11.71	\$11.60	\$11.63	\$11.64	\$11.73	\$11.82	\$12.19	\$11.70
Durable Goods Nondurable Goods	12.21 11.11	12.32 11.25	12.08 10.07	12.22 10.15	12.10 10.88	12.27 10.82	11.97 11.08	12.18 10.70	12.07 10.88	12.18 10.97	12.19 11.17	12.78 11.27	12.21 10.86

### *Continued from page 3*

average annual employment in retail trade. The 1998 increase was primarily attributable to eating and drinking establishments which added 700 jobs. Automotive dealers and service stations contributed notably, adding 400 employees.

### Finance, Insurance, and Real Estate

The 1997 final benchmark revised employment upward 500 from the previously forecast increase of 1,000, making it the largest over-the-year increase since 1988. The revised gain put the annual average employment at 29,800.

The 1998 preliminary benchmark revealed 1,500 more jobs than originally estimated. As a result, this division grew by 1,400 jobs in 1998 to reach an annual average employment figure of 31,200, a level not seen since 1990.

### Services

The final benchmark of the services division revised the 1997 employment upward to 165,000 jobs resulting in a gain of 4,900 jobs, the smallest increase since 1992. The largest major group, health services, added 700 jobs with the final benchmark, 600 more than the preliminary estimate. The rapidly growing business services industry added 1,900 jobs.

The 1998 preliminary benchmark divulged 7,400 more jobs than original estimates showed, resulting in an increase of 7,800 jobs in services. Business services again contributed notably, adding another 1,900 jobs, 1,300 more than originally estimated. The preliminary benchmark of health services showed 1,800 more jobs than were originally estimated, resulting in a gain of 1,100 jobs.

### Government

The final benchmark revised the 1997 gain in government employment to 900 jobs from the previously estimated gain of 500 jobs. Most of the gain came from local government. Its final benchmark added 700 jobs and revised the 500 job increase forecasted by the preliminary benchmark.

Growth in government employment slowed to 400 jobs in 1998, yielding an average annual employment of 79,200 jobs.

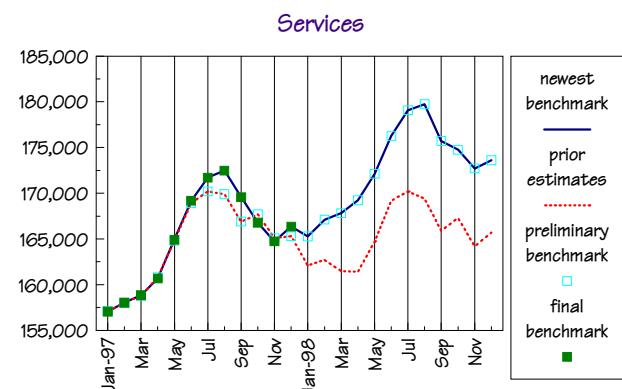


### *About CES*

In order to gauge the state's economy in a timely manner, CES estimates employment each month from a sample of New Hampshire employers. Because it is based on a sample, the data is necessarily incomplete. At the end of each calendar year, CES employment estimates are revised, or benchmarked. The benchmark integrates the latest "covered" employment numbers from payroll reports submitted quarterly to New Hampshire Employment Security by New Hampshire employers subject to unemployment compensation law. The benchmark process allows an opportunity to adjust sample-based estimates to actual counts of jobs with New Hampshire employers. The resulting product offers a more accurate picture of the New Hampshire economy than could be achieved with sample-based estimates alone.

If you have any questions concerning this report, please contact Bernhard McKay, Labor Market Analyst, at 603-228-4127.

*Bruce Olinsky*



**New Hampshire Seasonally Adjusted Nonfarm Wage and Salary Employment**  
**1998 Preliminary Benchmark and 1997 Final Benchmark**

Industry	<b>1998</b>	Annual Average
Total Non-Farm		587,300
Construction		22,900
Manufacturing		108,300
Durable Goods		75,700
Stone, Clay, And Glass Products		2,000
Fabricated Metal Products		8,100
Industrial Machinery And Equipment		18,200
Electronic & Other Electric Equipment		19,800
Miscellaneous Manufacturing Industries		2,300
Nondurable Goods		32,700
Textile Mill Products		3,600
Apparel And Other Textile Products		1,900
Rubber And Misc. Plastics Products		9,400
Transportation And Public Utilities		20,400
Trade		152,500
Wholesale Trade		30,400
Retail Trade		122,000
Finance, Insurance, And Real Estate		31,200
Services		172,200
Business Services		31,000
Total Government		79,400
Total Federal Government		8,100
Total State Government		20,800
Total Local Government		50,400
Industry	<b>1997</b>	Annual Average
Total Non-Farm		570,100
Construction		20,900
Manufacturing		107,200
Durable Goods		73,900
Stone, Clay, And Glass Products		1,900
Fabricated Metal Products		8,100
Industrial Machinery And Equipment		18,200
Electronic & Other Electric Equipment		19,500
Miscellaneous Manufacturing Industries		2,100
Nondurable Goods		33,300
Textile Mill Products		3,900
Apparel And Other Textile Products		2,000
Rubber And Misc. Plastics Products		9,500
Transportation And Public Utilities		19,300
Trade		148,700
Wholesale Trade		29,200
Retail Trade		119,600
Finance, Insurance, And Real Estate		29,800
Services		165,000
Business Services		29,200
Total Government		78,700
Total Federal Government		8,200
Total State Government		20,700
Total Local Government		49,800

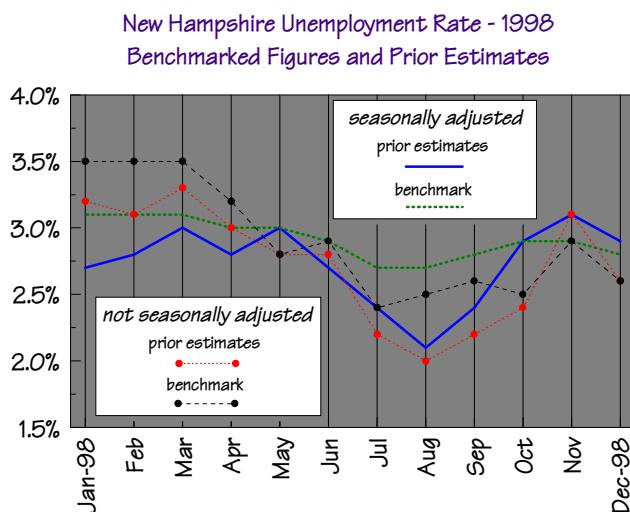
# Benchmarked Local Area Unemployment Statistics

The 1998 unemployment rate for New Hampshire was 3.2 percent, the fourth lowest rate in the U.S. Average employment was 633,250 and unemployment was 18,950.

The Local Area Unemployment Statistics (LAUS) program produces monthly estimates of the number of employed residents and the number of unemployed residents in the state's labor force. The sum of these is the civilian labor force. The unemployment rate is calculated by dividing the number unemployed by the total labor force.

The benchmark of the unadjusted 1998 LAUS revised both employment and labor force substantially downward in the second quarter and upward in the fourth quarter of the year. The unemployment rate was revised noticeably upward in the first and third quarters. The labor force was smaller than originally stated from January through July. May was especially revised as the estimate of the labor force decreased by 7,410, mostly in employment. Benchmarked April employment had the largest reduction (7,600) of the year. The unemployment rate was revised upward by 0.4 percentage points in both January and February, then never increased by more than 0.2 percentage points from March through July.

From August to December the labor force was revised upward. The magnitude of the changes increased steadily and culminated in December's upward revision of 10,250, the largest of the year. In August the unemployment rate was revised



upward 0.5 percentage points, marking its largest change of the year. After an upward change of 0.4 percentage points in September, the unemployment rate never differed from earlier monthly estimates by more than 0.1 percentage point for the rest of the year.

Seasonally adjusted LAUS benchmarking likewise reported a smaller labor force from January through July than previously reported. The May labor force decreased notably by 7,130 residents. July employment had the largest reduction (7,380) of the year. After the unemployment rate was revised upward by 0.3 percentage points in both January and February, it never increased by more than 0.2 percentage points from March through June. In July, August, and September, however, the rates were revised upward 0.3, 0.6, and 0.4 percentage points respectively. November and December's rates were revised downward 0.2 and 0.1 percentage points respectively.

## About LAUS

Two regression models specific to New Hampshire are used. They extract data from three major sources: the Current Population Survey (CPS), the Current Employment Statistics program (CES), and Unemployment Insurance (UI) data.

CPS - The primary input is data from the monthly survey of new Hampshire households conducted by the U.S. Census Bureau. The LAUS process measures all the unemployed, even those who do not collect unemployment compensation benefits.

CES - These estimates gauge total employment levels of nonagricultural jobs in New Hampshire.

UI - Additional inputs come from the number of continued claimants of Unemployment Insurance who had no earnings in a specific week.

New Hampshire LAUS benchmarking for 1998 is complete, but will not be official until the data, along with that of the other states, is reviewed by the Bureau of Labor Statistics in Washington, D.C. This review process ensures comparability of estimates between states.

Bruce Olinsky

**1998 BENCHMARKED LOCAL AREA UNEMPLOYMENT STATISTICS REPORT**

VERSION - MARCH 4, 1999

These Benchmark Estimates are awaiting final review by Bureau of Labor Statistics, Washington, D.C.  
AREA

ANN.AVE.

NEW HAMPSHIRE	
Labor.Force.....	652,200
Employment.....	633,250
Unemployment.....	18,950
Rate.....	2.9%
BELKNAP COUNTY	
Labor.Force.....	29,220
Employment.....	28,470
Unemployment.....	750
Rate.....	2.6%
CARROLL COUNTY	
Labor.Force.....	20,940
Employment.....	20,380
Unemployment.....	560
Rate.....	2.7%
CHESHIRE COUNTY	
Labor.Force.....	38,500
Employment.....	37,320
Unemployment.....	1,180
Rate.....	3.1%
COOS COUNTY	
Labor.Force.....	16,600
Employment.....	15,900
Unemployment.....	700
Rate.....	4.2%
GRAFTON COUNTY	
Labor.Force.....	43,420
Employment.....	42,450
Unemployment.....	970
Rate.....	2.2%
HILLSBOROUGH COUNTY	
Labor.Force.....	201,230
Employment.....	195,840
Unemployment.....	5,390
Rate.....	2.7%
MERRIMACK COUNTY	
Labor.Force.....	72,990
Employment.....	71,260
Unemployment.....	1,730
Rate.....	2.4%
ROCKINGHAM COUNTY	
Labor.Force.....	150,480
Employment.....	145,000
Unemployment.....	5,480
Rate.....	3.6%
STRAFFORD COUNTY	
Labor.Force.....	57,740
Employment.....	56,130
Unemployment.....	1,610
Rate.....	2.8%
SULLIVAN COUNTY	
Labor.Force.....	21,070
Employment.....	20,490
Unemployment.....	580
Rate.....	2.7%